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State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF WASTE MANAGEMENT  
8 E. Hanover St., CN 028, Trenton, N.J. 08625

JACK STANTON  
DIRECTOR

LINO F. PEREIRA  
DEPUTY DIRECTOR

3 AUG 1983

MEMORANDUM

TO: LANCE MILLER, Superfund Coordinator  
Division of Water Resources

THROUGH: ANTHONY J. FARRO, Chief *[Signature]*  
Bureau of Site Management - HSMA/DWM

FROM: STEVEN CROCE, Site Manager *[Signature]*  
Bureau of Site Management - HSMA/DWM

SUBJECT: PUMPING OF LANDFILL LEACHATE FROM SEAVIEW SQUARE MALL  
(FORMERLY M & T DE LISA LANDFILL) INTO THE SANITARY SEWER  
SYSTEM OF OCEAN TOWNSHIP, MONMOUTH COUNTY, NEW JERSEY

We wish to apprise you of the current conditions and request your involvement for the proper leachate disposal and any permitting needed by state enforcement actions.

The Seaview Square Mall, built in 1976, occupies the site of the former M & T DeLisa municipal landfill currently on the National Priorities List of hazardous waste sites for New Jersey. When the Mall was designed, a leachate collection system draining into a holding tank (under the parking lot) was required, as well as gas venting, to satisfy state provisions for landfill disruption. The plans for these safeguards did not indicate where the leachate would be disposed of when the tank was full. Options for disposal, presented by the engineer during the early planning stages in 1974, were: 1) spray irrigation over an open site, 2) pump out and disposal by a septage hauler, or 3) pump into the sanitary sewer system (assuming compatibility of wastes).

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MEMORANDUM

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TO: R. Vincent  
FROM: S. Croce  
SUBJECT: Seaview Square Mall

3 AUG 1983

Over the past six months, myself and Bill Brown, Ocean Township Sanitarian, have reviewed Mall construction plans and specifications and contacted the Mall management company, E. J. DeBartolo Corporation, and the Ocean Township Sewage Authority to determine the fate of collected landfill leachate. We were unsuccessful in locating any documentation or obtaining statements concerning the disposal of leachate.

In April, 1983, we visited the Mall and located the leachate collection tank (see attached sketch) in the parking lot. The manhole cover was removed, and we discovered the tank was receiving a steady flow of liquid from a six (6) inch diameter pipe and there was a submersible pump in place and in operation. We assumed, at this point, that the leachate was being pumped into the sanitary or storm sewer system. The Township Engineer and Sewage Authority were asked to investigate a connection from the leachate tank into the sanitary sewer system. Both parties were sure, noting the plans on record, that there was no such connection.

On July 20, 1983, Bill Brown conducted a dye test from the leachate collection tank to verify where liquid in the tank was being pumped to. He also conducted the dye tests in a storm drain and force main serving the Mall. The result -- dye was observed in a manhole of the sanitary sewer system about 200 feet from the Mall. (see attached Ocean Township letter)

Based on the dye test results, we request your element investigate further the leachate disposal operation concerning the state's approval on the method of handling and disposal and necessary permits for pretreatment and/or discharge into the Township sanitary sewer system. Also, a sample of the leachate should be analyzed in a lab for priority pollutants and compatibility tests conducted, with domestic sewage, to investigate the level of waste water and sludge treatment needed to adequately dispose of the leachate.

Hopefully, your involvement will lead to proper handling and disposal of the leachate and possibly prevent further contamination with hazardous substances from being discharged into surface waters (after conventional treatment) or from leaks into the environment. Please keep us informed of your intended actions and/or responses from the responsible parties.

HS41:ejs  
Attachments

cc: W. Burshtin - SWA  
K. Jentis - ORS  
W. [REDACTED] EPA

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